LISTING OF CLAIMS:

Claims 1 to 20. (Canceled).

21. (Previously Presented) A multivalue control system, comprising:

a controlled multivalue system including a plurality of correcting variables as input variables and a plurality of controlled variables as output variables;

a plurality of controllers;

a plurality of comparators configured to ascertain control deviations and to supply a control deviation to each controller as an input variable; and

a conversion device, input variables of the conversion device corresponding to output variables of the controllers, the conversion device configured to calculate, at least from the output variables of the controllers, the correcting variables, the conversion device configured to superimpose, on the output variables of the controllers, an input control component that is a function of an actual value to calculate the correcting variables.

22. (Previously Presented) The multivalue control system according to claim 21, wherein the conversion device is configured to calculate the correcting values by an offset of the output variables of the controllers against each other.

23. (Previously Presented) The multivalue control system according to claim 22, wherein the conversion device is configured to offset the output variables of the controllers as a function of the controlled multivalue system.

24. (Previously Presented) The multivalue control system according to claim 21, further comprising a first controlled variable conversion device, the controlled variables arranged to be supplied to the first controlled variable conversion device as input variables, the first controlled variable conversion device configured to ascertain output variables from the controlled variables and to supply the output variables to the comparators as first input variables.

25. (Previously Presented) The multivalue control system according to claim 24, further comprising a second controlled variable conversion device, setpoint values of the controlled variables configured to be supplied to the second controlled variable conversion device as input variables, the second controlled variable

conversion device configured to ascertain output values from the setpoint values and to supply the output values to the comparators as second input variables.

26. (Previously Presented) The multivalue control system according to claim 25, wherein the comparators are configured to offset the first input variables against corresponding second input variables and to supply control deviations resulting from the offset to the controllers as input variables.

27. (Previously Presented) A method for controlling a controlled multivalue system, comprising:

supplying a plurality of correcting variables to the controlled multivalue system as input variables;

offsetting a plurality of controlled variables against one another as output variables of the controlled multivalue system to ascertain control deviations;

supplying each control deviation to a respective controller as an input variable;

supplying output variables from the controllers to a conversion device as input variables; and

calculating the correcting variables in the conversion device at least from the output variables from the controllers, the calculating including offsetting the output variables of the controllers against each other using an input control component that is a function of an actual value.

28. (Previously Presented) The method according to claim 27, further comprising ascertaining the correcting variables in accordance with the offsetting of the output variables of the controllers against each other.

29. (Previously Presented) The method according to claim 27, further comprising:

supplying the controlled variables of the controlled multivalue system to a first controlled variable conversion device as input variables;

ascertaining output variables by the first controlled variable conversion device from the controlled variables; and

supplying the output variables ascertained by the first controlled variable conversion device to comparators as first input variables.

30. (Previously Presented) The method according to claim 29, further comprising:

supplying setpoint values of the controlled variables to a second controlled variable conversion device as input variables;

ascertaining output variables by the second controlled variable conversion device from the setpoint values; and

supplying the output variables ascertained by the second controlled variable conversion device to the comparators as second input variables.

31. (Previously Presented) The method according to claim 30, further comprising:

offsetting the first input variables of the comparators and corresponding second input variables of the comparators against each other; and

supplying control deviations resulting from the offsetting of the first input variables of the comparators and the corresponding second input variables of the comparators to the controllers as input variables.

32. (Previously Presented) A method for controlling a propeller power unit, comprising:

controlling a propeller speed and a propeller performance as controlled variables;

supplying a propeller blade angle of incidence and a fuel stream to the propeller power unit as correcting variables;

supplying output variables from controllers to a conversion device as input variables;

ascertaining, by the conversion device, the propeller blade angle of incidence and the fuel stream as the controlled variables from the output variables from the controllers;

offsetting, in the conversion device, the output variables from the controllers against each other; and

offsetting, in the conversion device, the output variables from the controllers using an input control component that is a function of an actual value.

33. (Previously Presented) The method according to claim 32, further comprising:

supplying the propeller speed and the propeller performance as the correcting variables of the propeller power unit to a first controlled variable conversion device as input variables; and

outputting, by the first controlled variable conversion device, as output variables, actual values for the propeller speed and a turbine output.

34. (Previously Presented) The method according to claim 33, further comprising:

supplying setpoint values for the propeller speed and the propeller performance to a second controlled variable conversion device as input variables; and

outputting, by the second controlled variable conversion device, setpoint values for the propeller speed and the turbine output.

35. (Previously Presented) The method according to claim 34, further comprising:

ascertaining corresponding control deviations from the actual values and corresponding setpoint values for the propeller speed and the turbine output;

supplying the propeller speed control deviation to a speed controller; and

supplying the turbine output control deviation to a power controller.

36. (Previously Presented) The method according to claim 35, further comprising:

outputting a torque request as an output variable by the speed controller; and

outputting a turbine output request as an output variable by the power controller;

wherein the propeller blade angle of incidence and the fuel stream are ascertained in the propeller blade angle of incidence and the fuel stream ascertaining step in the conversion device from the torque request and the turbine output request.